

PATENT  
Customer No. 22,852  
Attorney Docket No. 09894.0005-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Claude BOURGEOIS	)	Group Art Unit: Unassigned
	)	
Application No.: 10/556,831	)	Examiner: Unassigned
	)	
Filed: November 15, 2005	)	
	)	
For: INTEGRATED RESONATORS AND	)	Confirmation No.: 1701
TIME BASE INCORPORATING SAID	)	
RESONATORS	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

The following documents were cited in a communication for the related PCT International application (PCT/CH2004/000258) to this U.S. National Stage application: WO 03/017482 A1, "Temperature compensation of silicon resonant pressure sensor," "Design of resonators for the determination of the temperature coefficients of elastic constants of monocrystalline silicon," and "A micromachined, single-crystal silicon, tunable resonator." A copy of the International Search Report for PCT/CH2004/000258

is attached. A copy of the listed foreign patent document, as well as copies of the non-patent literature documents are also attached.

In addition, the following documents were cited in a communication for the related PCT International application (PCT/CH2004/000288) which is relevant to co-pending and commonly assigned U.S. Application No. 10/556,909: U.S. Patent No. 3,826,931, JP 55-112043, "Low Power Timekeeping," "The Microcomputer Compensated Crystal Oscillator (MCXO)", and "A Microprocessor-Based Analog Wristwatch Chip with 3 Seconds/Year Accuracy." A copy of the International Search Report for PCT/CH2004/000288 is attached. A copy of the listed foreign patent document, as well as copies of the non-patent literature documents are also attached. However, a copy of the cited U.S. patent is not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

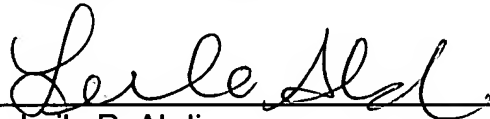
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 7, 2006

By: \_\_\_\_\_



Leila R. Abdi  
Reg. No. 52,399

<b>IDS Form PTO/SB/08: Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<i>Application Number</i>	10/556,831
				<i>Filing Date</i>	November 15, 2005
				<i>First Named Inventor</i>	Claude BOURGEOIS
				<i>Art Unit</i>	Unassigned
				<i>Examiner Name</i>	Unassigned
Sheet	1	of	1	<i>Attorney Docket Number</i>	09894.0005-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-3,826,931	07-30-1974	Hammond	

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 03/017482 A1	02-27-2003	The Regents of the University of Michigan		
		JP 55-112043	08-29-1980	Seiko Instr. & Electronics Ltd.		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Veis J., "Temperature compensation of silicon resonant pressure sensor," Sensors and Actuators A, Elsevier Sequoia S.A., Lausanne, CH, Vol. 57, No. 3, December 1, 1996, pages 179-182.	
		C. Bourgeois et al., "Design of resonators for the determination of the temperature coefficients of elastic constants of monocrystalline silicon," 1997 IEEE International Frequency Control Symposium, Orlando, FL, May 28-30, 1997, New York, New York, May 28, 1997, pages 791-799.	
		J. J. Yao, N. C. MacDonald, "A micromachined, single-crystal silicon, tunable resonator," J. Micromech. Microeng., Vol. 5, No. 3, May 28, 1997, pages 257-264.	
		Bloch, Martin et al., "Low Power Timekeeping," 43 <sup>rd</sup> Annual Symposium on Frequency Control, May 31, 1989, pages 34-36.	
		Bloch, Martin et al., "The Microcomputer Compensated Crystal Oscillator (MCXO)," 43 <sup>rd</sup> Annual Symposium on Frequency Control, May 31, 1989, pages 16-19.	
		Lanfranchi, Didier et al., "A Microprocessor-Based Analog Wristwatch Chip with 3 Seconds/Year Accuracy," IEEE International Solid State Circuits Conference, IEEE, Inc., New York, Vol. 37, February 1, 1994, pages 92-93.	
		U.S. Patent Application No. 10/556,909, filed November 15, 2005.	
		Copy of International Search Report, (PCT/CH2004/000258) mailed August 20, 2004 (3 pages).	
		Copy of International Search Report, (PCT/CH2004/000288) mailed August 20, 2004 (3 pages).	

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.